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Disclosure No. 03-0477.00/US

PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/733,226-Conf. #8010		
		Filing Date	December 10, 2003		
		First Named Inventor	William M. Hiatt		
		Art Unit	2813		
		Examiner Name	Carl W. Whitehead, Jr.		
Sheet	1	of	1	Attorney Docket Number	108298744US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CAM		US-3,345,134	10-03-1967	Heymer et al.	
		US-6,620,731-B1	09-16-2003	Farnworth et al.	
		US-6,667,551-B2	12-23-2003	Hanaoka et al.	
		US-6,703,310-B2	03-09-2004	Mashino et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Filing Date	December 10, 2003	
			First Named Inventor	William M. Hiatt	
			Art Unit	3754	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	108298744US

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		Number-Kind Code ² (if known)			
Cam		US-5,107,328	04-21-1992	Kinsman	
		US-5,128,831	07-07-1992	Fox, III et al.	
		US-5,138,434	08-11-1992	Wood et al.	
		US-5,252,857	10-12-1993	Kane et al.	
		US-5,518,957	05-21-1996	Kim	
		US-5,593,927	01-14-1997	Farnworth	
		US-5,677,566	10-14-1997	King et al.	
		US-5,883,426	03-16-1999	Tokuno et al.	
		US-5,891,797	04-06-1999	Farrar	
		US-5,925,930	07-20-1999	Farnworth et al.	
		US-5,933,713	08-03-1999	Farnworth	
		US-5,938,956	08-17-1999	Hembree et al.	
		US-5,946,553	08-31-1999	Wood et al.	
		US-5,986,209	11-16-1999	Tandy	
		US-5,990,566	11-23-1999	Farnworth et al.	
		US-6,018,249	01-25-2000	Akram et al.	
		US-6,020,629	02-01-2000	Farnworth et al.	
		US-6,020,624	02-01-2000	Wood et al.	
		US-6,028,365	02-22-2000	Akram et al.	
		US-6,048,755	04-11-2000	Jiang et al.	
		US-6,051,878	04-18-2000	Akram et al.	
		US-6,066,514	05-23-2000	King et al.	
		US-6,072,236	06-06-2000	Akram et al.	
		US-6,072,233	06-06-2000	Corisis et al.	
		US-6,081,429	06-27-2000	Barrett	
		US-6,080,291	06-27-2000	Woodruff et al.	
		US-6,089,920	07-18-2000	Farnworth et al.	
		US-6,097,087	08-01-2000	Farnworth et al.	
		US-6,107,122	08-22-2000	Wood et al.	
		US-6,114,240	09-05-2000	Akram et al.	
		US-6,130,474	10-10-2000	Corisis	

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Sheet	2	of	3	Attorney Docket Number	108298744US

CAM	US-6,150,717	11-21-2000	Wood et al.	
	US-6,148,509	11-21-2000	Schoenfeld et al.	
	US-6,153,924	11-28-2000	Kinsman	
	US-6,175,149-B1	01-16-2001	Akram	
	US-6,188,232-B1	02-13-2001	Akram et al.	
	US-6,201,304-B1	03-13-2001	Moden	
	US-6,212,767-B1	04-10-2001	Tandy	
	US-6,214,716-B1	04-10-2001	Akram	
	US-6,225,689-B1	05-01-2001	Moden et al.	
	US-6,228,548-B1	05-08-2001	King et al.	
	US-6,232,666-B1	05-15-2001	Corisis et al.	
	US-6,235,554-B1	05-22-2001	Akram et al.	
	US-6,239,489-B1	05-29-2001	Jiang	
	US-6,247,629-B1	06-19-2001	Jacobson et al.	
	US-6,258,623-B1	07-10-2001	Moden et al.	
	US-6,259,153	07-10-2001	Corisis	
	US-6,261,865-B1	07-17-2001	Akram	
	US-6,265,766-B1	07-24-2001	Moden	
	US-6,281,577-B1	08-28-2001	Oppermann et al.	
	US-6,281,042-B1	08-28-2001	Ahn et al.	
	US-6,285,204-B1	09-04-2001	Farnworth	
	US-6,294,839-B1	09-25-2001	Mess et al.	
	US-6,297,547-B1	10-02-2001	Akram	
	US-6,303,981-B1	10-16-2001	Moden	
	US-6,310,390	10-30-2001	Moden	
	US-6,326,698-B1	12-04-2001	Akram	
	US-6,329,222	12-11-2001	Corisis et al.	
	US-6,331,221-B1	12-18-2001	Cobbley	
	US-6,429,528-B1	08-06-2002	King et al.	
	US-6,432,796	08-13-2002	Peterson	
	US-6,437,586-B1	08-20-2002	Robinson	
	US-6,483,044-B1	11-19-2002	Ahmad	
	US-6,548,376-B2	04-15-2003	Jiang	
↓	US-6,552,910-B1	04-22-2003	Moon et al.	

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Sheet	3	of	3	Attorney Docket Number	108298744US

CAM		US-6,560,117-B2	05-06-2003	Moon	
		US-6,564,979-A1	05-20-2003	Savaria	
		US-6,607,937-B1	08-19-2003	Corisis	
		US-6,614,092-B2	09-02-2003	Eldridge et al.	
		US Application No. 10/928,598	Filed: 08-27-2004	Kirby	
		US-2005/0104228-A1	05-19-2005	Rigg et al.	

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CAM		Optomec, Inc., M3D™, Maskless Mesoscale™ Materials Deposition, 2 pages, < http://www.optomec.com/downloads/M3DSheet.pdf >, retrieved from the Internet on June 17, 2005.	
		King, B. et al., Optomec, Inc., M3D™ Technology, Maskless Mesoscale™ Materials Deposition, 5 pages, < http://www.optomec.com/downloads/M3D%20White%Paper%20080502.pdf >, retrieved from the Internet on June 17, 2005.	
		Xsil, Via Applications, 1 page, < http://www.xsil.com/viaapplications/index.htm >, retrieved from the Internet on July 22, 2003.	
		Xsil, Vias for 3D Packaging, 1 page, < http://www.xsil.com/viaapplications/3dpackaging/index.htm >, retrieved from the Internet on July 22, 2003.	
		Optomec, Inc., M3D™ Technology, Maskless Mesoscale Materials Deposition (M3D), 1 page, < http://www.optomec.com/html/m3d.htm >, retrieved from the Internet on August 15, 2003.	

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